



Division of Community and Public Health

[USGS map of Missouri Human Cases \(updated weekly\)](#)

**Missouri Department of Health and Senior Services  
2014 Reports of Mosquito-borne Disease in Humans  
Week 53  
Ending January 3, 2015**

**Total verified domestic human mosquito-borne disease cases: 13  
Total verified domestic mosquito-borne disease-related fatalities\*: 2**

**PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.**

**Table 1: West Nile virus and other domestic arboviruses**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Age	Sex	Race	Fatality*	Hospitalized
WNV	Probable	No	Laclede County	Not Imported	5/28/2014	75	M	White	Yes	Yes
WNV	Probable	No	St. Louis County	Not Imported	8/23/2014	59	M	Black	No	Yes
WNV	Probable	No	Dunklin County	Unknown	8/18/2014	82	M	White	No	Yes
WNV	Probable	No	St. Louis City	Not Imported	8/11/2014	26	F	Black	No	Yes
WNV	Probable	No	St. Louis City	Unknown	8/5/2014	64	M	White	No	Yes
WNV	Probable	No	Kansas City	Out of State	8/25/2014	28	M	Black	No	Yes
WNV	Probable	No	Stoddard County	Not imported	8/25/2014	75	M	White	No	Yes
WNV	Probable	No	Callaway County	Unknown	9/9/2014	63	F	White	No	Yes
WNV	Confirmed	Yes	St. Louis County	Not imported	9/13/2014	74	M	White	Yes	Yes
WNV	Probable	No	St. Louis City	Not imported	9/2/2014	54	M	Unk	No	Yes
WNV	Probable	No	Daviess County	Not imported	9/23/2014	61	M	White	No	Yes
WNV	Probable	No	St. Charles County	Not imported	9/30/2014	52	F	White	No	Yes
WNV	Probable	No	Jefferson County	Not imported	10/01/2014	76	M	Unk	No	Yes

**Summary of Domestic Human Mosquito-borne Disease  
Cases Reported by Local Health Agency**

Local Health Agency	Number of Reported Cases
Callaway County	1
Daviess County	1
Dunklin County	1
Jefferson County	1
Kansas City	1
Laclede County	1
St. Charles County	1
St. Louis City	3
St. Louis County	2
Stoddard County	1

**Total verified imported human chikungunya infections: 16**

**Table 2: Imported Chikungunya virus infections**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Age	Sex	Race	Fatality*	Hospitalized
CHIK	Probable	No	Jackson County	Out of Country	5/20/2014	57	F	Unk	No	No
CHIK	Confirmed	Yes	St. Louis County	Out of Country	6/1/2014	38	F	White	No	No
CHIK	Probable	No	Cape Girardeau County	Out of Country	6/15/2014	66	M	White	No	No
CHIK	Confirmed	Yes	Clay County	Out of Country	6/23/2014	64	F	White	No	Yes
CHIK	Probable	No	Platte County	Out of Country	6/20/2014	52	M	White	No	Unknown
CHIK	Probable	No	Boone County	Out of Country	6/15/2014	28	F	Unk	No	No
CHIK	Confirmed	Yes	St. Louis County	Out of Country	6/26/2014	33	F	White	No	Unknown
CHIK	Confirmed	Yes	Laclede County	Out of Country	7/8/2014	39	M	Unk	No	Unknown
CHIK	Confirmed	Yes	St. Louis County	Out of Country	8/7/2014	6	M	Unk	No	Yes
CHIK	Probable	No	St. Louis City	Out of Country	8/20/2014	27	F	Unk	No	Unknown
CHIK	Probable	No	Jackson County	Out of Country	8/14/2014	31	M	White	No	No

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Age	Sex	Race	Fatality*	Hospitalized
CHIK	Probable	No	Cape Girardeau County	Out of Country	5/28/2014	29	F	White	No	Yes
CHIK	Confirmed	Yes	Jasper County	Out of Country	8/12/2014	65	M	Unk	No	Yes
CHIK	Probable	No	Lincoln County	Out of Country	8/21/2014	49	M	Unk	No	No
CHIK	Probable	No	Monroe County	Out of Country	10/21/2014	57	M	White	No	No
CHIK	Confirmed	Yes	Jackson County	Out of Country	7/10/14	32	F	Unk	Unk	Unk

**Summary of Imported Human Chikungunya Infections  
Reported by Local Health Agency**

Local Health Agency	Number of Reported Cases
Boone County	1
Cape Girardeau County	2
Clay County	1
Jackson County	3
Jasper County	1
Laclede County	1
Lincoln County	1
Monroe County	1
Platte County	1
St. Louis City	1
St. Louis County	3

**Total verified imported human dengue infections: 4**

**Table 3: Imported dengue infections**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Age	Sex	Race	Fatality	Hospitalized
DEN	Confirmed	Yes	Jackson County	Out of Country	1/1/2014	35	M	White	No	No
DEN	Confirmed	Yes	Jackson County	Out of Country	1/1/2014	30	M	White	No	No
DEN	Confirmed	Yes	Clay County	Out of Country	6/25/2014	64	F	White	No	Yes
DEN	Probable	No	Polk County	Out of Country	8/18/2014	25	F	White	No	No

**Summary of Imported Human Dengue Infections  
Reported by Local Health Agency**

<b>Local Health Agency</b>	<b>Number of Reported Cases</b>
Clay County	1
Jackson County	2
Polk County	1

- WNV** = **West Nile virus**  
**SLE** = **St. Louis encephalitis virus**  
**DEN** = **dengue virus**  
**EEE** = **Eastern Equine encephalitis virus**  
**CHIK** = **chikungunya virus**
- N/A** = **Information not available**

\*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

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